

Title (en)

SENSOR DEVICE HAVING A PIEZOELECTRIC TRANSDUCER

Title (de)

SENSORELEMENT MIT PIEZOELEKTRISCHEM WANDLER

Title (fr)

DISPOSITIF CAPTEUR COMPORTANT UN CONVERTISSEUR PIÉZOÉLECTRIQUE

Publication

EP 2710344 B1 20161102 (DE)

Application

EP 12715633 A 20120319

Priority

- DE 102011076105 A 20110519
- EP 2012054833 W 20120319

Abstract (en)

[origin: WO2012156126A2] The invention relates to a sensor element (10) having at least one piezoelectric transducer (11), said piezoelectric transducer (11) being coupled to at least one memristor (20). The invention further relates to a sensor having an array of a plurality of pixels, at least one of the pixels comprising a sensor element (10).

IPC 8 full level

G01L 1/16 (2006.01); **H01L 41/113** (2006.01)

CPC (source: EP)

G01L 1/16 (2013.01); **G01L 9/08** (2013.01); **H10N 30/802** (2023.02); **H10N 30/302** (2023.02)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

WO 2012156126 A2 20121122; WO 2012156126 A3 20130117; CN 103562696 A 20140205; CN 103562696 B 20161026; DE 102011076105 A1 20121122; EP 2710344 A2 20140326; EP 2710344 B1 20161102

DOCDB simple family (application)

EP 2012054833 W 20120319; CN 201280024398 A 20120319; DE 102011076105 A 20110519; EP 12715633 A 20120319